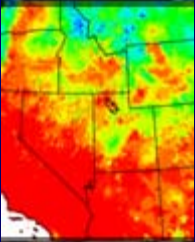


# Milestones YR1

## Climate Modeling Component

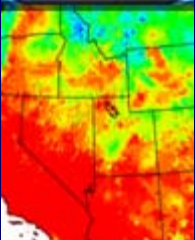
- Hire faculty (Climate Modeler), PDs, grad students.
- Install global climate model(s) and regional climate model(s).
- Hire systems admin & programmer.
- Collaborate with NCAR.
- Purchase software, computer clusters, backup/archive system.



# Progress to Date

## Climate Modeling Component

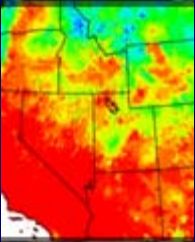
- 3 GRAs approved for hire
  - Atmospheric, Hydrologic, and Human responses
- Faculty hire search team formed, target July 1 offer (DRI)
- Post-doc hire search team formed, target July 1 offer (DRI)
- Software programmer in place at DRI
- NCAR collaboration initiated
- Preparation of DRI's facility for computer system in progress
- CM team participated in the NSF EPSCoR Track II proposal



# Milestone YR1

## Ecological Change Component

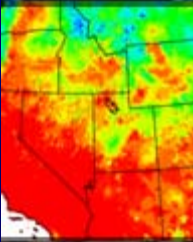
- Hire field technician and graduate students.
- Determine locations of transects.
- Purchase instrumentation.
- Install observational networks.
- Collaborate with NM/ID on obs. network compatibility.
- Collaborate with national and regional initiatives (CUASHI, COMET, CIRMOUNT)



# Progress to Date

## Ecological Change Component

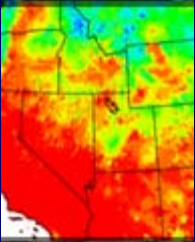
- 2 GRAs approved for hire
  - Aerosol detection (finalized) and summer installation of transect equipment (in progress)
- Technician identified and hire in progress (UNR)
- Northern transect location has been discussed through series of technical meetings
- Several discussions with NRCS representatives to augment existing SCAN network sites with new instruments in southern Nevada
- Transect locations planned for installation during Summer 2009 – Summer 2010
- Water/Eco are nearing consensus on equipment suites
- Meeting with ID and NM March 31 - April 1
- Component members participating in meetings of national & regional groups (CUASHI, COMET, CIRMOUNT)



# Milestones YR1

## Water Resources Component

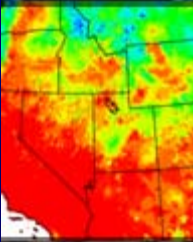
- Hire field technician and graduate students.
- Determine locations of transects.
- Purchase instrumentation.
- Install observational networks.
- Collaborate with NM/ID on obs. network compatibility.
- Collaborate with national and regional initiatives (CUASHI, COMET, CIRMOUNT)



# Progress to Date

## Water Resources Component

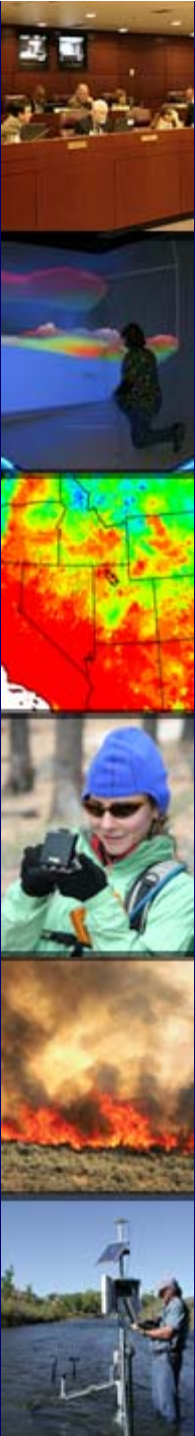
- 2 GRAs approved for hire
  - Hydrologic sensors, phreatophyte water usage
- Technician hire in progress (UNLV)
- Northern transect location has been discussed through series of technical meetings
- Several discussions with NRCS representatives to augment existing SCAN network sites with new instruments in southern Nevada
- Transect locations planned for installation during Summer 2009 - Summer 2010
- Water/Eco are nearing consensus on equipment suites
- Meeting with ID and NM March 31 - April 1
- Component members participating in meetings of national and regional groups



## Milestones YR1

### Policy, Decision-Making and Outreach

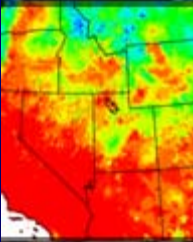
- Hire graduate students faculty and post-doc.
- Form Stakeholder Advisory Committee (SAC).
- Create/populate Social Science Climate Change network (SSCCN).
- Coordinate with NSBDC to manage the implementation of the National Small Business Innovation Research Conference in Reno/Sparks, fall 2009
- Collaborate with NSHE libraries for cataloging holdings on climate change studies



# Progress to Date

## Policy, Decision-Making and Outreach

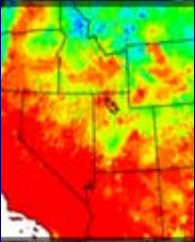
- 4 GRAs approved for hire
  - Policy, outreach & education, agency and community surveys, business surveys
- Director GIS/RS core lab hire in progress (UNLV)
- Post-doc hire in progress (UNLV)
- Stakeholder Advisory Committee being developed in coordination with PIs and overall project needs
- SBIR conference planning in progress
- Meeting held with UNLV library staff to develop online space for climate change studies resources



# Milestones YR1

## Cyberinfrastructure Component

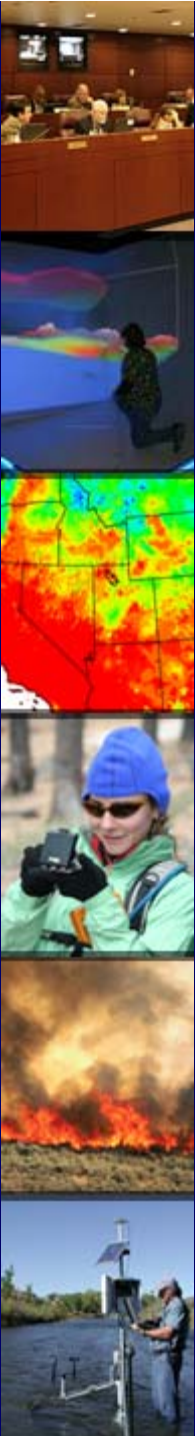
- Hire computing administrators, developers, grad students.
- Form tri-state technical working group for developing shared open source software and control systems.
- Leverage TeraGrid, CENIC, NSF initiatives.
- Assess roles of Natl. Lambda Rail and ABILENE.
- Purchase computing equipment and software
- Design and test data portal.



# Progress to Date

## Cyberinfrastructure Component

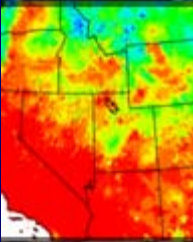
- 3 GRAs approved for hire
  - Data portal front-end / back-end, software frameworks
- System admin/programmer hire in progress (UNR)
- Software developer hire in progress (UNR)
- NSF EPSCoR Track II cyberinfrastructure proposal submitted in collaboration with New Mexico and Idaho. Proposal leverages TeraGrid and integrates Lambda Rail and other national initiatives
- CI Technical Working Group formed with ID and NM – developing shared systems – next meeting March 31
- New grad level course being taught at UNR in Advanced Software Project Management
- Networking with WRCC on data sharing – collaboration with other components on interoperability of models and framework scenarios



# Milestones YR1

## Education Component

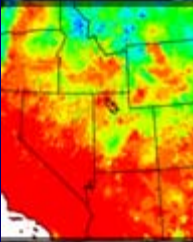
- Hire grad students, K-12 coordinator, Admin Asst.
- Run education programs: UG research/symposium; college curriculum development competition; K-12 Summer Institutes; Community College Faculty Fellowships.
- Develop: courses for CC minor; K-12 curriculum/outreach; middle school lesson modules; K-12 students-UG scholarships pipeline; tutoring opportunities; mentoring partnership with UNLV/UNR outreach centers; mechanisms to engage Community Colleges
- Provide salary support for DRI faculty to teach at UNLV/UNR
- Plan Education Symposium



# Progress to Date

## Education Component

- K-12
  - 2 GRAs approved for hire
  - Middle schools with high populations of underrepresented groups and active participation from faculty identified for YR1 program
  - K-12 Summer workshop design in progress
  - On-line Climate Change course being developed for June 1 – July 3
- Curriculum
  - 1 GRA approved for hire (CC course database development)
  - DRI faculty – courses being identified for Fall 09 and Spring 10
- Ugrad
  - 15 scholarships Spring 09 - Poster presentation UNLV – April
  - Summer 2009 Ugrad call distributed (15 scholarships)
- Graduate
  - Fellowships solicited, 22 appl. under review for 8 fellowships
  - 17 graduate students funded through GRA positions
- Participation in Sustainability/Climate Change curr. conf. UNLV
- Education Symposium planning in progress



## Progress to Date Project-wide

- Poster presented at AGU annual conf.
- Poster submitted for PACLIM in April
- Initial planning meeting held – Sept. 4
- Strategic planning meeting held – Nov. 20
- Tri-State meeting scheduled, March 31–April 1
- Developing RFP for Interdisciplinary Science Teams
- Developing RFP for Community College Faculty Fellowships
- Working with VPRs on startup funds for hiring faculty from underrepresented groups
- Presentations given / groups contacted
  - SNWA, HRWAB, NV Div. Env. Protect, TMWA, Carson River District, GBRMP, CO River Comm. of NV, Nye Co.

